

About the Plan

The City of Dover, Bonner Soil and Water Conservation District, Idaho Department of Environmental Quality and the Idaho Rural Water Association have coordinated efforts to help protect your drinking water source. A single surface water intake on the Pend Oreille River supplies Dover with drinking water. Dover's source water protection plan is designed to help prevent contamination of the river, thus protecting you and your family from serious illness and jeopardy.

Drinking water source protection will help manage the land area around the surface water intake to prevent contamination, thus offering an important opportunity to both ensure a high-quality drinking water supply and to save money for the city, and you. Through voluntary best management practices by Dover, lakeside residents and local businesses, protection of our most important asset can be achieved and our wonderful quality of life ensured.

You Can Help— it's easy!

Get actively involved in your community's drinking water protection.

- **Don't dump** old lawn chemicals, gas, or oil on the grounds or down any storm drain
- **Don't over-fertilize** your lawn or garden, and be careful how you apply chemicals
- **Pick up after your dog** and dispose of your dogs poo properly
- **Teach your children** where your family's drinking water comes from

Contact

City of Dover
(208) 256-8339

*For more information on your community's plan,
kids' activities, and community resources,
contact:*

Idaho Rural Water Association
(208) 343-7001
www.idahoruralwater.com

or
**Idaho Department of
Environmental Quality**
(208) 7691422
www.deq.idaho.gov

**Safe, clean drinking water;
it's everyone's responsibility.**

Your Community

Your Source Water Protection Plan



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City of Dover
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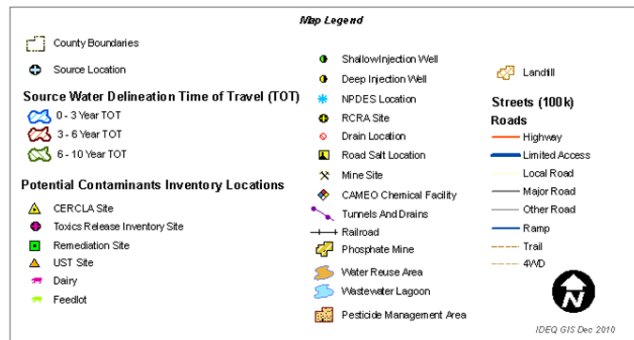
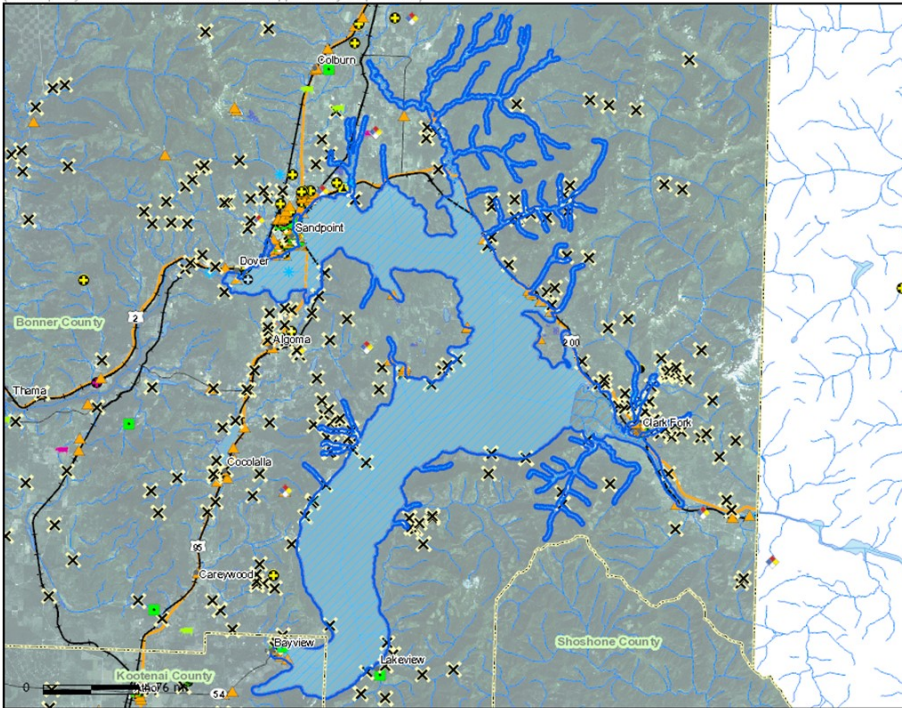
What is Source Water?

Source water is untreated water from surface and ground sources. Surface water is replenished from rain or snow that intercepts the water directly, or from ground water that contributes to it ("contributing stream"). Geology and gravity help ground water in eventually replenishing Lake Pend Oreille.

Sudden strong rain events can contribute so much water in such a short period that it will travel as storm water directly across land surfaces and into the lake, carrying sediments and organic matter, fertilizers, motor oils and other chemicals with it. Surface water contamination directly impacts Fruitland's water system due to increased costs to treat the water prior to distributing it to you for your needs. It also impacts the wildlife that reside on the river and rely on it for food, breeding sites, and the fish we catch.

Public Water System Name: DOVER CITY OF
Source Name: PEND OREILLE

(This map may take several seconds to load. We appreciate your patience.)



What is Source Water Protection?

Source Water Protection is simply protecting the sources of water from contamination or over-use. We can protect our sources of water by managing the influence on them from natural and human activities to ensure water quality and water quantity is maintained.

Communities with clean and adequate water sources attract settlement, development and business. With assistance from the Bonner Soil & Water Conservation District, Dover is working to provide information to city residents whose property borders the Pend Oreille River. Lake*A*Syst s a program of **voluntary** best management practices (BMPs) that can be implemented to help protect the Pend Oreille River for ourselves, and for other communities downstream.

What will Protection Do?

- Ensure that enough safe, clean drinking water is available for ourselves and neighboring communities downstream
- Protect the health of our families and visitors to our community
- Protect current and future sources of Municipal drinking water
- Limit or reduce costs that might otherwise incur as a result of a contamination event. Because the costs are generally borne by the utility, this could result in higher costs for you.

24 hour Time-of-Travel

The illustration on the left shows the critical area of Dover's surface water intake and the area of the watershed that has a direct relationship with the water quality at our intake.

Because of the rapid speed of surface water transport, the time-of-travel (TOT) from the critical areas to the intake is generally 24 hours or less.

Sediment

The Pend Oreille River provides abundant opportunities for our families to play. But because of the relatively short time it takes for sediments to be carried in surface water, it is important to respect property bordering the river and not break down or damage river and stream banks. It is also important to maintain your boat or other pleasure craft.